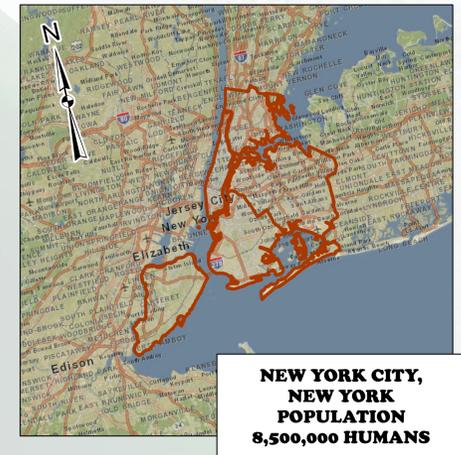
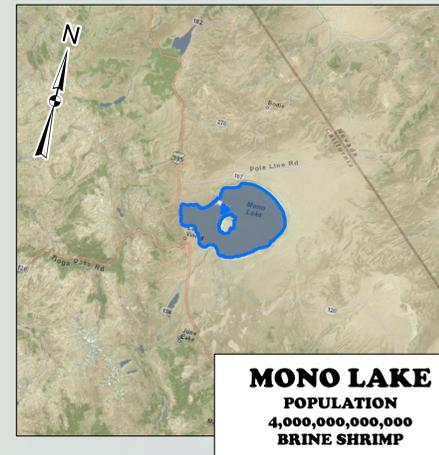
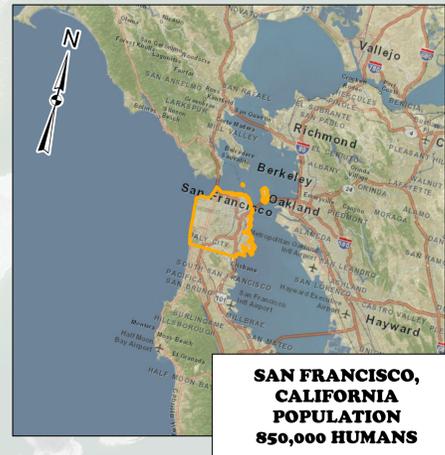
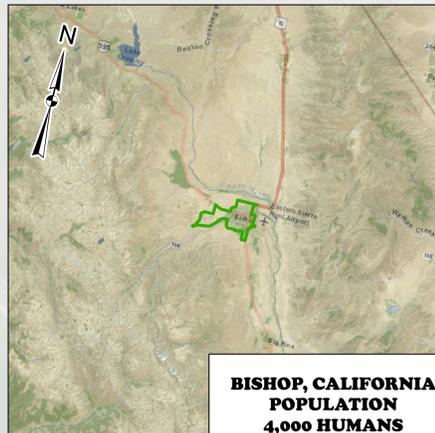


HOW BIG IS MONO LAKE ?

A Geographic Information System, or GIS, allows us to draw shapes around spaces, places, creatures, and people. We can use the GIS to tell us how big a space or place is and how many creatures or people are in that space or place.



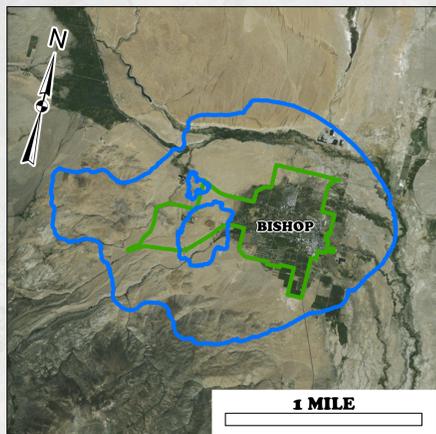
This poster shows how big of a space a place like MONO LAKE is, with the help of GIS. We use GIS to compare MONO LAKE to other places we know in the United States of America, such as the Town of Bishop, the City of San Francisco, and New York City. The number of creatures and people is also shown in these places by using the power of GIS.

When we show MONO LAKE and the three places it is compared to in a GIS, side by side and at the same scale, we begin to see how MONO LAKE looks bigger than Bishop, about the same size as San Francisco, and smaller than New York City.

SCALE 1 : 240,000 (INCHES)

**MONO LAKE IS
74.2 SQUARE MILES!**

PLACE NAME	AREA (SQUARE MILES)
NEW YORK - QUEENS	109.8
MONO LAKE	74.2
NEW YORK - BROOKLYN	67
NEW YORK - STATEN ISLAND	58.1
SAN FRANCISCO	49.5
NEW YORK - BRONX	42.2
NEW YORK - MANHATTAN	22.9
BISHOP	15.4
PAOHA ISLAND	3.3
NEGIT ISLAND	0.4



The GIS allows us to do fun things with the shape of MONO LAKE, such as move it and spin it around. These maps show MONO LAKE moved to each of the three places in the United States. We now see that Bishop is a lot smaller, New York City is a lot bigger, and San Francisco almost fits inside of MONO LAKE.

We can be exact when using a GIS to see how big MONO LAKE is because a GIS can compute areas very quickly. When we look at the table made in a GIS, we can see that MONO LAKE is 74.2 Square Miles. That means MONO LAKE is 24.7 Square Miles BIGGER than the City of San Francisco! We can also see that MONO LAKE is much smaller than New York City. When we compare MONO LAKE to each of the five Boroughs in New York, MONO LAKE is BIGGER than four of them and 35.6 Square Miles smaller than the Queens Borough.